WHAT IS CLAIMED IS:

1.   An office apparatus connected to a network comprising:

reception means for receiving agent information

5   including a command train and data;

control means for controlling a processing mechanism of the office apparatus by executing a control program that controls said processing mechanism; and

10   execution means for executing said command train to request processing from said control means.

2.   An office apparatus according to claim 1 wherein:

15   said execution means executes said command train to request from said control means processing that uses said data, and wherein:

said control means controls said processing mechanism to execute processing that uses said data.

20

3.   An office apparatus according to claim 1 wherein said execution means executes said command train to determine whether the result of processing by said processing mechanism is an unrecoverable error.

25

4.   An office apparatus according to claim 3 wherein said execution means executes said command

train to determine whether the result of processing by said processing mechanism is an unrecoverable error, and wherein if the result of processing by said processing mechanism is an unrecoverable error, said

5   execution means additionally writes the occurrence of the unrecoverable error to said data.

5.   An office apparatus according to claim 1 wherein said execution means executes said command

10   train to determine whether the result of processing by said processing mechanism is a recoverable error.

6.   An office apparatus according to claim 5 wherein said execution means executes said command

15   train to determine whether the result of processing by said processing mechanism is a recoverable error, and wherein if the result of processing by said processing mechanism is a recoverable error, said execution means additionally writes to said data the need to clear the

20   error.

7.   An office apparatus according to claim 1 wherein said execution means executes said command train to determine whether the result of processing by

25   said processing mechanism is a recoverable error.

8.   An office apparatus according to claim 7

wherein said execution means executes said command train to determine whether the result of processing by said processing mechanism is a recoverable error, and wherein if the result of processing by said processing

5   mechanism is a recoverable error, said execution means requests said control means to control said processing mechanism so as to wait for an error recovery.

        9. An office apparatus according to claim 1

10   wherein said execution means executes said command train to determine whether the result of processing by said processing mechanism is normal termination.

        10. An office apparatus according to claim 9

15   wherein said execution means executes said command train to determine whether the result of processing by said processing mechanism is normal termination, and wherein if the result of processing by said processing mechanism is not normal termination, said execution

20   means determines an alternative office apparatus.

        11. An office apparatus according to claim 10 wherein:

        said data includes a list of alternative office

25   apparatuses and wherein:

        said execution means executes said command train to select an alternative office apparatus from said

list.

12.   An office apparatus according to claim 1
further comprising:

5   sending means for executing a communication
program that communicates with an external apparatus to
send said agent information to the external apparatus,
wherein:

          said execution means executes said command train
10   to request said sending means to send said agent
information.

13.   An office apparatus according to claim 12
wherein said execution means executes said command
15   train to determine whether the result of processing by
said processing mechanism is an unrecoverable error,
and wherein if the result of processing by said
processing mechanism is an unrecoverable error, said
execution means additionally writes the occurrence of
20   the unrecoverable error to said data and requests said
sending means to send said agent information including
the resulting data.

14.   An office apparatus according to claim 12
25   wherein said execution means executes said command
train to determine whether the result of processing by
said processing mechanism is a recoverable error, and

wherein if the result of processing by said processing mechanism is a recoverable error, said execution means additionally writes to said data the need to clear the error and requests said sending means to send said

5   agent information including the resulting data.

15.   An office apparatus according to claim 12 wherein said execution means executes said command train to determine whether the result of processing by

10   said processing mechanism is normal termination, and wherein if the result of processing by said processing mechanism is not normal termination, said execution means determines an alternative office apparatus and requests said sending means to send said agent

15   information to the alternative office apparatus.

16.   An office apparatus according to claim 12 wherein said execution means executes said command train to additionally write the result of processing by

20   said processing mechanism to said data and to request said sending means to send said agent information including the resulting data.

17.   An office apparatus according to claim 1

25   wherein the office apparatus has a plurality of said processing mechanisms.

18.   An office apparatus according to claim 1 wherein said processing mechanism is a print mechanism.

19.   An office apparatus according to claim 1 wherein said processing mechanism is an image filing mechanism.

20.   An office apparatus according to claim 1 wherein said processing mechanism is a scanner mechanism.

21.   A control method for controlling an office apparatus connected to a network comprising:

a reception step for receiving agent information including a command train and data;

a control step for controlling a processing mechanism of a relevant office apparatus by executing a control program that controls said processing mechanism; and

an execution step for executing said command train to request processing from said control step.

22.   A control method according to claim 21 wherein:

said execution step executes said command train to request from said control step processing that uses said data, and wherein:

said control step controls said processing

mechanism to execute processing that uses said data.

23. A control method according to claim 21

5   wherein said execution step executes said command train

to determine whether the result of processing by said

processing mechanism is an unrecoverable error.

24. A control method according to claim 23

10   wherein said execution step executes said command train

to determine whether the result of processing by said

processing mechanism is an unrecoverable error, and

wherein if the result of processing by said processing

mechanism is an unrecoverable error, said execution

15   step additionally writes the occurrence of the

unrecoverable error to said data.

25. A control method according to claim 21

wherein said execution step executes said command train

20   to determine whether the result of processing by said

processing mechanism is a recoverable error.

26. A control method according to claim 25

wherein said execution step executes said command train

25   to determine whether the result of processing by said

processing mechanism is a recoverable error, and

wherein if the result of processing by said processing

mechanism is a recoverable error, said execution step additionally writes to said data the need to clear the error.

5   27. A control method according to claim 21 wherein said execution step executes said command train to determine whether the result of processing by said processing mechanism is a recoverable error.

10   28. A control method according to claim 27 wherein said execution step executes said command train to determine whether the result of processing by said processing mechanism is a recoverable error, and wherein if the result of processing by said processing

15   mechanism is a recoverable error, said execution step requests said control step to control said processing mechanism so as to wait for an error recovery.

      29. A control method according to claim 21

20   wherein said execution step executes said command train to determine whether the result of processing by said processing mechanism is normal termination.

      30. A control method according to claim 29

25   wherein said execution step executes said command train to determine whether the result of processing by said processing mechanism is normal termination, and wherein

if the result of processing by said processing

mechanism is not normal termination, said execution

step determines an alternative office apparatus.

5   31.   A control method according to claim 30

wherein:

said data includes a list of alternative office

apparatuses and wherein:

said execution step executes said command train to

10   select an alternative office apparatus from said list.

32.   A control method according to claim 21

further comprising:

a sending step for executing a communication

15   program that communicates with an external apparatus to

send said agent information to the external apparatus,

wherein:

said execution step executes said command train to

request said sending step to send said agent

20   information.

33.   A control method according to claim 32

wherein said execution step executes said command train

to determine whether the result of processing by said

25   processing mechanism is an unrecoverable error, and

wherein if the result of processing by said processing

mechanism is an unrecoverable error, said execution

step additionally writes the occurrence of the unrecoverable error to said data and requests said sending step to send said agent information including the resulting data.

5

34. A control method according to claim 32 wherein said execution step executes said command train to determine whether the result of processing by said processing mechanism is a recoverable error, and

10 wherein if the result of processing by said processing mechanism is a recoverable error, said execution step additionally writes to said data the need to clear the error and requests said sending step to send said agent information including the resulting data.

15

35. A control method according to claim 32 wherein said execution step executes said command train to determine whether the result of processing by said processing mechanism is normal termination, and wherein

20 if the result of processing by said processing mechanism is not normal termination, said execution step determines an alternative office apparatus and requests said sending step to send said agent information to the alternative office apparatus.

25

36. A control method according to claim 32 wherein said execution step executes said command train

to additionally write the occurrence of the unrecoverable error to said data and to request said sending step to send said agent information including the resulting data.

5

37. A control method according to claim 21 wherein the office apparatus has a plurality of said processing mechanisms.

10

38. A control method according to claim 21 wherein said processing mechanism is a print mechanism.

39. A control method according to claim 21 wherein said processing mechanism is an image filing

15 mechanism.

40. A control method according to claim 21 wherein said processing mechanism is a scanner mechanism.

20

41. A computer-readable memory medium which stores a program for controlling an office apparatus connected to a network, said memory medium comprising program codes that allow the office apparatus to

25 execute:

a reception step for receiving agent information including a command train and data;

a control step for controlling a processing
mechanism of the office apparatus by executing a
control program that controls said processing
mechanism; and

5   an execution step for executing said command train
to request processing from said control step.

42. A memory medium according to claim 41
wherein:

10   said execution step executes said command train to
request from said control step processing that uses
said data, and wherein:

said control step controls said processing
mechanism to execute processing that uses said data.

15

43. A memory medium according to claim 41 wherein
said execution step executes said command train to
determine whether the result of processing by said
processing mechanism is an unrecoverable error.

20

44. A memory medium according to claim 43 wherein
said execution step executes said command train to
determine whether the result of processing by said
processing mechanism is an unrecoverable error, and

25   wherein if the result of processing by said processing
mechanism is an unrecoverable error, said execution
step additionally writes the occurrence of the

unrecoverable error to said data.

45. A memory medium according to claim 41 wherein said execution step executes said command train to determine whether the result of processing by said processing mechanism is a recoverable error.

46. A memory medium according to claim 45 wherein said execution step executes said command train to determine whether the result of processing by said processing mechanism is a recoverable error, and wherein if the result of processing by said processing mechanism is a recoverable error, said execution step additionally writes to said data the need to clear the error.

47. A memory medium according to claim 41 wherein said execution step executes said command train to determine whether the result of processing by said processing mechanism is a recoverable error.

48. A memory medium according to claim 47 wherein said execution step executes said command train to determine whether the result of processing by said processing mechanism is a recoverable error, and wherein if the result of processing by said processing mechanism is a recoverable error, said execution step

requests said control step to control said processing

mechanism so as to wait for an error recovery.

49.   A memory medium according to claim 41 wherein

5   said execution step executes said command train to

determine whether the result of processing by said

processing mechanism is normal termination.

50.   A memory medium according to claim 49 wherein

10   said execution step executes said command train to

determine whether the result of processing by said

processing mechanism is normal termination, and wherein

if the result of processing by said processing

mechanism is not normal termination, said execution

15   step determines an alternative office apparatus.

51.   A memory medium according to claim 50

wherein:

said data includes a list of alternative office

20   apparatuses and wherein:

said execution step executes said command train to

select an alternative office apparatus from said list.

52.   A memory medium according to claim 41 further

25   comprising:

a sending step for executing a communication

program that communicates with an external apparatus to

send said agent information to the external apparatus, wherein:

said execution step executes said command train to request said sending step to send said agent

5   information.

53.   A memory medium according to claim 52 wherein said execution step executes said command train to determine whether the result of processing by said

10   processing mechanism is an unrecoverable error, and wherein if the result of processing by said processing mechanism is an unrecoverable error, said execution step additionally writes the occurrence of the unrecoverable error to said data and requests said

15   sending step to send said agent information including the resulting data.

54.   A memory medium according to claim 52 wherein said execution step executes said command train to

20   determine whether the result of processing by said processing mechanism is a recoverable error, and wherein if the result of processing by said processing mechanism is a recoverable error, said execution step additionally writes to said data the need to clear the

25   error and requests said sending step to send said agent information including the resulting data.

55.   A memory medium according to claim 52 wherein said execution step executes said command train to determine whether the result of processing by said processing mechanism is normal termination, and wherein

5   if the result of processing by said processing mechanism is not normal termination, said execution step determines an alternative office apparatus and requests said sending step to send said agent information to the alternative office apparatus.

10

56.   A memory medium according to claim 52 wherein said execution step executes said command train to additionally write the occurrence of the result of processing by said processing mechanism to said data

15   and to request said sending step to send said agent information including the resulting data.

57.   A memory medium according to claim 41 wherein the office apparatus has a plurality of said processing

20   mechanisms.

58.   A memory medium according to claim 41 wherein said processing mechanism is a print mechanism.

25   59.   A memory medium according to claim 41 wherein said processing mechanism is an image filing mechanism.

60. A memory medium according to claim 41 wherein said processing mechanism is a scanner mechanism.

61. A network system comprising a data processing

5 apparatus and an office apparatus both connected to a network,

said data processing apparatus having:

transfer means for transferring to said office apparatus agent information including a command train

10 and data,

said office apparatus having:

reception means for receiving said agent information;

control means for controlling a processing

15 mechanism of the office apparatus by executing a control program that controls said processing mechanism; and

execution means for executing said command train to request processing from said control means.

20

62. A network system according to claim 61 wherein:

said execution means executes said command train to request from said control means processing that uses

25 said data, and wherein:

said control means controls said processing mechanism to execute processing that uses said data.

63. A network system according to claim 61 wherein said execution means executes said command train to determine whether the result of processing by said processing mechanism is an unrecoverable error.

5

64. A network system according to claim 63 wherein said execution means executes said command train to determine whether the result of processing by said processing mechanism is an unrecoverable error, and wherein if the result of processing by said

10

processing mechanism is an unrecoverable error, said execution means additionally writes the occurrence of the unrecoverable error to said data.

15

65. A network system according to claim 61 wherein said execution means executes said command train to determine whether the result of processing by said processing mechanism is a recoverable error.

20

66. A network system according to claim 65 wherein said execution means executes said command train to determine whether the result of processing by said processing mechanism is a recoverable error, and wherein if the result of processing by said processing

25

mechanism is a recoverable error, said execution means additionally writes to said data the need to clear the error.

67. A network system according to claim 61 wherein said execution means executes said command train to determine whether the result of processing by said processing mechanism is a recoverable error.

5

68. A network system according to claim 67 wherein said execution means executes said command train to determine whether the result of processing by said processing mechanism is a recoverable error, and

10 wherein if the result of processing by said processing mechanism is a recoverable error, said execution means requests said control means to control said processing mechanism so as to wait for an error recovery.

15 69. A network system according to claim 61 wherein said execution means executes said command train to determine whether the result of processing by said processing mechanism is normal termination.

20 70. A network system according to claim 69 wherein said execution means executes said command train to determine whether the result of processing by said processing mechanism is normal termination, and wherein if the result of processing by said processing

25 mechanism is not normal termination, said execution means determines an alternative office apparatus.

71.   A network system according to claim 70
wherein:

said data includes a list of alternative office
apparatuses and wherein:

5   said execution means executes said command train
to select an alternative office apparatus from said
list.

72.   A network system according to claim 61 in
10   which:

said office apparatus has:

sending means for executing a communication
program that communicates with an external apparatus to
send said agent information to the external apparatus,
15   wherein:

said execution means executes said command train
to request said sending means to send said agent
information.

20   73.   A network system according to claim 72
wherein said execution means executes said command
train to determine whether the result of processing by
said processing mechanism is an unrecoverable error,
and wherein if the result of processing by said
25   processing mechanism is an unrecoverable error, said
execution means additionally writes the occurrence of
the unrecoverable error to said data and requests said

sending means to send to said data processing apparatus said agent information including the resulting data.

74. A network system according to claim 72
wherein said execution means executes said command train to determine whether the result of processing by said processing mechanism is a recoverable error, and wherein if the result of processing by said processing mechanism is a recoverable error, said execution means additionally writes to said data the need to clear the error and requests said sending means to send to said data processing apparatus said agent information including the resulting data.

75. A network system according to claim 72
wherein said execution means executes said command train to determine whether the result of processing by said processing mechanism is normal termination, and wherein if the result of processing by said processing mechanism is not normal termination, said execution means determines an alternative office apparatus and requests said sending means to send said agent information to the alternative office apparatus.

76. A network system according to claim 72
wherein said execution means executes said command train to additionally write the occurrence of the

unrecoverable error to said data and to request said
sending means to send to said data processing apparatus
said agent information including the resulting data.

5   77.   A network system according to claim 61
wherein the office apparatus has a plurality of said
processing mechanisms.

      78.   A network system according to claim 61
10 wherein said processing mechanism is a print mechanism.

      79.   A network system according to claim 61
wherein said processing mechanism is an image filing
mechanism.

15

      80.   A network system according to claim 61
wherein said processing mechanism is a scanner
mechanism.

20   81.   A control method for controlling a network
system comprising a data processing apparatus and an
office apparatus both connected to a network:
      a control method in said data processing apparatus
having:
25   a transfer step for transferring to said office
apparatus agent information including a command train
and data,

a control method in said office apparatus having:

a reception step for receiving said agent information;

a control step for controlling a processing

5　mechanism of a relevant office apparatus by executing a

control program that controls said processing

mechanism; and

an execution step for executing said command train

to request processing from said control step.

10

82. A control method according to claim 81

wherein:

said execution step executes said command train to

request from said control step processing that uses

15　said data, and wherein:

said control step controls said processing

mechanism to execute processing that uses said data.

83. A control method according to claim 81

20　wherein said execution step executes said command train

to determine whether the result of processing by said

processing mechanism is an unrecoverable error.

84. A control method according to claim 83

25　wherein said execution step executes said command train

to determine whether the result of processing by said

processing mechanism is an unrecoverable error, and

wherein if the result of processing by said processing
mechanism is an unrecoverable error, said execution
step additionally writes the occurrence of the
unrecoverable error to said data.

5

    85. A control method according to claim 81
wherein said execution step executes said command train
to determine whether the result of processing by said
processing mechanism is a recoverable error.

10

    86. A control method according to claim 85
wherein said execution step executes said command train
to determine whether the result of processing by said
processing mechanism is a recoverable error, and

15 wherein if the result of processing by said processing
mechanism is a recoverable error, said execution step
additionally writes to said data the need to clear the
error.

20   87. A control method according to claim 81
wherein said execution step executes said command train
to determine whether the result of processing by said
processing mechanism is a recoverable error.

25   88. A control method according to claim 87
wherein said execution step executes said command train
to determine whether the result of processing by said

processing mechanism is a recoverable error, and
wherein if the result of processing by said processing
mechanism is a recoverable error, said execution step
requests said control step to control said processing

5   mechanism so as to wait for an error recovery.

    89. A control method according to claim 81
wherein said execution step executes said command train
to determine whether the result of processing by said

10   processing mechanism is normal termination.

    90. A control method according to claim 89
wherein said execution step executes said command train
to determine whether the result of processing by said

15   processing mechanism is normal termination, and wherein
if the result of processing by said processing
mechanism is not normal termination, said execution
step determines an alternative office apparatus.

20   91. A control method according to claim 90
wherein:
    said data includes a list of alternative office
apparatuses and wherein:
    said execution step executes said command train to

25   select an alternative office apparatus from said list.

    92. A control method according to claim 81 in

which:

the control method in said office apparatus has:

a sending step for executing a communication program that communicates with an external apparatus to send said agent information to the external apparatus, wherein:

said execution step executes said command train to request said sending step to send said agent information.

93. A control method according to claim 92 wherein said execution step executes said command train to determine whether the result of processing by said processing mechanism is an unrecoverable error, and wherein if the result of processing by said processing mechanism is an unrecoverable error, said execution step additionally writes the occurrence of the unrecoverable error to said data and requests said sending step to send to said data processing apparatus said agent information including the resulting data.

94. A control method according to claim 92 wherein said execution step executes said command train to determine whether the result of processing by said processing mechanism is a recoverable error, and wherein if the result of processing by said processing mechanism is a recoverable error, said execution step

additionally writes to said data the need to clear the
error and requests said sending step to send to said
data processing apparatus said agent information
including the resulting data.

5

95. A control method according to claim 92
wherein said execution step executes said command train
to determine whether the result of processing by said
processing mechanism is normal termination, and wherein

10 if the result of processing by said processing
mechanism is not normal termination, said execution
step determines an alternative office apparatus and
requests said sending step to send said agent
information to the alternative office apparatus.

15

96. A control method according to claim 92
wherein said execution step executes said command train
to additionally write the occurrence of the
unrecoverable error to said data and to request said

20 sending step to send to said data processing apparatus
said agent information including the resulting data.

97. A control method according to claim 81
wherein the office apparatus has a plurality of said

25 processing mechanisms.

98. A control method according to claim 81

wherein said processing mechanism is a print mechanism.

99. A control method according to claim 81 wherein said processing mechanism is an image filing
5 mechanism.

100. A control method according to claim 81 wherein said processing mechanism is a scanner mechanism.